Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Wednesday 16 Dec 2020 until 23:59 on Thursday 17 Dec 2020

Forecast Issued on Wednesday 16 Dec 2020 at 02:38

Confidence: High for the run of unsettled weather with bands of rain interspersed with showers crossing from the west, however confidence lowering through the forecast in the timings and intensity of the worst of the conditions.

Headline for Wednesday 16 Dec 2020: Feeling cold in brisk summit winds. Cloudy with occasional rain for much of Wednesday. Clearing to showers into the evening.

Mountain weather hazards on Wednesday 16 Dec 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Heavy Rain	Cloudy	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
60%	70%	80%	30%	40%	20%

Forecast for Wednesday 16 Dec 2020

Weather: Overcast through the bulk of the day with occasional rain which turns heavy at times, particularly late morning and across southern facing routes. Rain clearing erratically from the west early afternoon, followed by occasional showers, these mainly across western ranges.

Chance of cloud free mountain/hill tops above 600m: 30% through the bulk of the day, with bases quite extensive from 500-700m, becoming during the evening 60% as the showery flow spreads in.

Visibility: Poor in the morning, with neighbouring hills barely visible. Becoming generally good during the afternoon, but lowering quickly in and around any showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 16 Dec 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	33/42 S	32/44 S	29/41 S	22/32 S	19/28 SW	21/33 SW	23/35 SW
300	26/36 SE	25/37 S	23/36 S	15/26 S	13/23 S	15/27 SW	16/28 SW
Valley	17/37 SE	18/38 SE	17/36 SE	11/25 S	10/24 S	11/26 S	12/26 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-2	5/-2	5/-2	5/-0	4/-1	3/-3	3/-3
300	7/2	7/2	7/2	7/3	6/3	5/1	5/0
Valley	8/4	8/4	8/4	8/5	7/4	6/2	6/2
Freezing Level*	1600m	1600m	1600m	1300m	1200m	1000m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Potentially dangerous conditions by day with extensive hill fog combining with driving rain and, across highest summits, strong winds which bring a significant wind chill.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Wed 16 Dec 2020	0mm	1mm	13mm

Forecast for Thursday 17 Dec 2020

Weather: Sunshine and showers by day with the bulk of the outbreaks mainly appearing through the morning. Cloud thickening and lowering from the west from late afternoon, with an area of rain extending across all during the evening, with further heavy outbreaks and extensive hill fog.

Maximum wind: South to southwest mean 20-25mph with gusts reaching 35mph across most exposed ridges and summits.

Chance of cloud free mountain/hill tops above 600m: 70% during the morning with bases lowering 450-600m as showers push through, becoming 90% for the afternoon.

Visibility: Generally good lowering moderate or poor in showers, then more generally in evening rain.

Temperature: **Valleys:** Plus 3 Celsius increasing 11 Celsius during the afternoon
At 600m: Plus 3-5 Celsius
Freezing level: Above summits

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